

In the Claims

Please amend claims 1-15 as follows:

1. (Previously presented) A resin piston for a master cylinder comprising: a through-hole through which a stopper pin being a component of a valve mechanism of said master cylinder is inserted, a concavity in which said valve mechanism is fixed by being inserted therein, and a communicating hole communicating with said through-hole from said concavity, said resin piston for a master cylinder being molded by injection of a resin material; and

a burr generated by a flow of said resin material into a gap between a combined molding die and a core in a process of molding of said resin piston by injection molding, said burr projecting out from said communicating hole into the through-hole.

2. (Currently amended) The resin piston for a master cylinder ~~as in~~ of claim 1, wherein a groove ~~making said~~ is provided in a portion of an inner wall surface of said through-hole, the groove facing ~~nearby a part, with which~~ said communicating hole ~~communicates, of~~ said through-hole, the groove being in the shape of a flat surface oriented in a direction substantially perpendicular to the longitudinal direction in which said stopper pin is travels in operation of said master cylinder~~inserted~~.

3. (Original) The resin piston for a master cylinder as in claim 2, wherein a width of said groove is narrower than that of said through-hole and wider than a diameter of said stopper pin.

4. (Currently amended) The resin piston for a master cylinder ~~as in~~ of claim 1, wherein said through-hole includes a projecting part for preventing said stopper pin from being touched to ~~the inner wall surface nearby a part with which said~~ said resin piston near said communicating hole ~~communicates~~.

5. (Currently amended) [A] The resin piston for a master cylinder of claim 1,
~~comprising:-~~
~~—— a through hole through which a stopper pin being a component of a valve mechanism of~~
~~said master cylinder is inserted, a concavity in which said valve mechanism is fixed by being~~
~~inserted therein, and a communicating hole communicating with said through hole from said~~
~~concavity, said resin piston for a master cylinder being molded by injection of a resin material,~~
wherein said through-hole is molded with a core for through-hole molding;
said concavity and said communicating hole are molded with a core for molding a
concavity; and
a ~~part~~ portion of said resin piston where said through-hole communicates with said
communicating hole is molded in a state manner such that an end of said core for molding said
[a] concavity is impacted in an impact hole formed ~~on~~ in said core for through-hole molding to
produce a burr ~~that projects~~ projecting out from the communicating hole ~~to~~ into the through-hole.

6. (Original) The resin piston for a master cylinder as in claim 5, wherein:
said resin piston for a master cylinder is molded with a die formed by a combination of a
first die and a second die, the first die including a first core, the second die including a second
core; and

said core for through-hole molding is constructed by a combination of the first core and
the second core, whereby said impact hole is formed.

7-9. (Cancelled)

10. (Currently amended) [A] The resin piston for a master cylinder of claim 5,
~~comprising:-~~

~~— a through hole through which a stopper pin being a component of a valve mechanism of said master cylinder is inserted, a concavity in which said valve mechanism is fixed by being inserted therein, and a communicating hole communicating with said through hole from said concavity, said resin piston for a master cylinder being molded by injection of a resin material,~~

wherein said through-hole is molded with a core for through-hole molding; said concavity and said communicating hole are molded with a core for molding a concavity; and a groove is provided in a portion of an inner wall surface of said through-hole, the groove facing nearby a part where said communicating hole communicates with said through hole , the groove being is in the[a] shape of a flat surface oriented in a direction substantially perpendicular to the longitudinal direction in which said stopper pin travels in operation of said master cylinder.

11. (Currently amended) A master cylinder equipped with a resin piston for said master cylinder, said resin piston for a master cylinder comprising:

a through-hole through which a stopper pin being a component of a valve mechanism of said master cylinder is inserted, a concavity in which said valve mechanism is fixed by being inserted therein, and a communicating hole communicating with said through-hole from said concavity, said resin piston for a master cylinder being molded by injection of a resin material,

~~wherein~~ a burr is generated by a flow of said resin material into a gap between a combined molding die and a core in a process of molding of said resin piston for a master cylinder by injection molding, ~~and said burr projects~~ projecting out from said communicating hole into the through-hole.

12. (Currently amended) [A] The master cylinder of claim 11, ~~equipped with a resin piston for said master cylinder, said resin piston for a master cylinder comprising:-~~

~~_____ a through hole through which a stopper pin being a component of a valve mechanism of said master cylinder is inserted, a concavity in which said valve mechanism is fixed by being inserted therein, and a communicating hole communicating with said through hole from said concavity, said resin piston for a master cylinder being molded by injection of a resin material, wherein said through-hole is molded with a core for through-hole molding; said concavity and said communicating hole are molded with a core for molding a concavity; a part and a portion of said resin piston where said through-hole communicates with said communicating hole is molded in a state manner such that an end of said core for molding [a] said concavity is impacted in an impact hole formed on in said core for through-hole molding to produce a burr projecting out from the communicating hole into the through-hole.~~

13. (Currently amended) [A] The master cylinder of claim 11, equipped with a resin piston for said master cylinder, said resin piston for a master cylinder comprising:-

~~_____ a through hole through which a stopper pin being a component of a valve mechanism of said cylinder is inserted, a concavity in which said valve mechanism is fixed by being inserted therein, and a communicating hole communicating with said through hole from said concavity, said resin piston for a master cylinder being molded by injection of a resin material, wherein said through-hole is molded with a core for through-hole molding; said concavity and said communicating hole communicates are molded with a core for molding a concavity; and~~

a groove is provided in a portion of an inner wall surface of said through-hole nearby a part where , the groove facing said communicating hole communicates with said through-hole , the groove being is in [a] the shape of a flat surface oriented in a direction substantially perpendicular to the longitudinal direction in which said stopper pin travels in operation of said master cylinder.

14. (Currently amended) A die for molding a resin piston for a master cylinder, ~~said die molding a resin piston for a master cylinder,~~ said resin piston for a master cylinder comprising:

a through-hole through which a stopper pin being a component of a valve mechanism of said master cylinder is inserted, a concavity in which said valve mechanism is fixed by being inserted therein, and a communicating hole communicating with said through-hole from said concavity, said resin piston for a master cylinder being molded by injection of a resin material, said die comprising a core ~~for through-hole molding~~ for molding said through-hole and a core for molding ~~a concavity for molding~~ said concavity and said communicating hole, wherein ~~a part~~ said die is so constructed such that a portion of said resin piston where said through-hole communicates with said communicating hole ~~is constructed such that the part~~ is molded in a state ~~in which~~ manner such that an end of said core for molding [a] said concavity is impacted in an impact hole formed ~~on~~ in said core for through-hole molding to produce a burr projecting out from the communicating hole into the through-hole.

15. (Currently amended) A ~~manufacturing method of a resin piston for a master cylinder~~ for manufacturing a resin piston for a master cylinder, comprising the steps of:

providing a through-hole through which a stopper pin being a component of a valve mechanism of ~~said~~ a master cylinder is inserted[,];

providing a concavity in which said valve mechanism is fixed by being inserted therein, ~~and~~ providing a communicating hole communicating with said through-hole from said concavity, said resin piston for a master cylinder being molded by injection of a resin material[,]; ~~said manufacturing method comprising:~~

molding said through-hole with a core for through-hole molding;

molding said concavity and said communicating hole with a core for molding a concavity; and

molding a ~~part~~ portion of said resin piston where said through-hole communicates with said communicating hole in a ~~state~~ manner such that an end of said core for molding [a] said concavity is impacted in an impact hole formed ~~on~~ in said core for through-hole molding to produce a burr projecting out from the communicating hole into the through-hole.